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WHOLESALE PRICE LIST

checked
4-1-78
at 100

FALL 1932

THE PEARSON-FERGUSON COMPANY

OFFICE AND WAREHOUSE
CORNER ST. LOUIS & HICKORY
KANSAS CITY, MISSOURI

PHONE
VICTOR 8211



KANSAS CITY,
MISSOURI

AGRICULTURAL CHEMICALS

INSECTICIDES
FUNGICIDES
DISINFECTANTS
FERTILIZERS
SEED TREATMENT

BASIC CHEMICALS FOR

MINERAL MIXTURES
POULTRY FEEDS
STOCK FEEDS
STOCK REMEDIES

WE ARE IN POSITION TO SUPPLY
CHEMICAL ITEMS NOT LISTED AT BEST
MARKET PRICES AND SOLICIT YOUR
INQUIRIES.

WHOLESALE PRICES

We have eliminated confusing discounts and on practically every item quote **NET PRICES**. All quotations are f. o. b. Kansas City unless otherwise specified. Prices fluctuate. In case of a decline you will be given the benefit. In case of advance, you will be notified before shipping. Our terms are 30 days net or 1% for cash in 10 days.

ACETIC ACID 56%

Demijohns (42-lb. net) per cwt.	\$6.90
Demijohns extra @ \$2.00 and returnable.	
Carboys (100-lb. net) per cwt.	6.25
Carboys extra @ \$5.00 and returnable.	

ACETIC ACID GLACIAL 99½% U. S. P.

Demijohns (42-lb. net) per cwt.	\$12.00
Demijohns extra @ \$2.00 and returnable.	
Carboys (100-lb. net) per cwt.	11.00
Carboys extra @ \$5.00 and returnable.	

ALCOHOL (Completely Denatured)

Formula 5, 188 Proof, in	
52 gal. drums, per gal.	\$.50½
5 gal. cans, per gal. ....	.55
Drums charged extra at \$6.00 each, and returnable in good condition f. o. b. Kansas City for full credit. Cans inclusive.	

ANISE SEED (Powdered)

Best grade of Star Anise Seed carefully powdered and packed to retain full strength.	
250 lb. barrels, per lb.	\$.16
50 lb. cartons, per lb. ....	.19

ARSENIC (White 99½% Pure)

700 lb. kegs, per lb.	\$.05½
100 lb. drums, per lb. ....	.06½

ASHES (Hardwood)

Air floated, uniform in texture. For mineral mixtures.	
Ton lots, per ton	\$10.00
1000 lb. lots, per ton	12.00
Less quantities, per ton	14.00
Inquire for carload prices.	

"BLACK LEAF 40" (Nicotine Sulphate)

A new control for Poultry Lice and Mites. Remarkably effective. Easy to use. The new use for "Black Leaf 40" recently developed, and now thoroughly tested, is a great help to the poultrymen and will create a good fall business on this item. Poultrymen simply paint the chicken roosts with "Black Leaf 40," which gives off fumes and completely rids the poultry of lice and mites.

50 lb. drums, each	\$41.25
10 lb. tins, per tin	8.85
5 lb. tins, per tin	5.00
2 lb. tins, per tin	2.45
1 lb. tins, per tin	1.60
5 oz. bottles, per doz.	8.00
1 oz. bottles, per doz.	2.67

BARIUM CARBONATE

Recommended by Department of Agriculture as a rat poison. Use one part with four parts bait or grain.

1 lb. cartons (24 per case), per case.....	\$2.40
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BONE BLACK (Spent)

Supplies phosphate to mineral mixtures.

About 200 lb. bags, per cwt.\$1.30

Ton lots, per cwt. 1.15

BONE MEAL (Holland Flour)

Odorless, finely powdered, 70% Bone Phosphate of lime. Carries lime and phosphorus in the natural form and correct proportions for animal nutrition. Ideal for mineral mixtures and stock feed as it is the most available form of calcium phosphate and more economical in use on account of purity and higher analysis.

Ton lots, per ton\$35.00

1000 lb. lots, per ton 37.00

Less quantities, per ton 39.00

Inquire for carload prices.

CALCIUM CARBONATE (100 lb. bags)

A finely powdered limestone of highest purity, for use in poultry mashes and mineral mixtures for livestock. For convenience of handling such a light fluffy material, we are packing in five ply non-sifting paper bags, which are strong enough to stand freight shipment.

Ton lots, (Bags incl.) per ton\$ 8.00

Less quantities, (Bags incl.) per ton 9.50

Inquire for carload prices.

CAPSICUM (Red Pepper) POWDERED

Used in stock and poultry preparations. High quality, full strength Capsicum.

Barrels about 200 lbs., per lb.\$.18

50 lb. lots, per lb.20

CARBOLA

A white paint and powerful disinfectant combined in powder form. Widely used by poultrymen, dairies and creameries. Ready for use as soon as it is mixed with water. Easily applied with brush or spray pumps, disinfects and dries pure white, does not flake or peel off. One pound covers 100 sq. ft.

Cases (12-5-lb. pkgs.)\$6.30

Cases (6-10-lb. pkgs.) 5.25

25-lb. cartons, each 2.00

50-lb. cartons, each 3.50

CARBON BISULPHIDE

No more effective control for wheat weevil than Carbon Bisulphide has been discovered. For rodent control and specially for killing prairie dogs, it is recommended by Department of Agriculture.

550 lb. drums (drums extra \$10), per lb....\$.06½

100 lb. drums (drums extra \$4), per lb.... .09

50 lb. drums (drums extra \$3), per lb.... .10

Drums returnable at price charged, f. o. b. Kansas City.

5 lb. tins, per lb.25

CARBON TETRACHLORIDE (99.9% Pure)

Used as a solvent for fats and oils; Fire extinguisher, cleaning compounds, etc.

550 lb. drums (drums extra \$10) per cwt....\$ 7.25

100 lb. drums (drums extra \$4) per cwt.... 9.75

50 lb. drums (drums extra \$3) per cwt.... 10.75

Drums returnable at price charged, f.o.b. Kansas City.

THE PEARSON-FERGUSON COMPANY

Kansas City, Missouri

CHLORINATED LIME (Chloride of Lime)

35-37% available chlorine. A powerful disinfectant and deodorizer.

12-12 oz. tins, per case	\$1.65
12-10 lb. tins, per cwt.	7.50
100 lb. drums, per cwt.	4.45
300 lb. drums, per cwt.	3.40

CHARCOAL (Hardwood)

The value of Charcoal to livestock and particularly to poultry, has long been recognized by manufacturers of stock remedies, in whose preparations it has been one of the most important items. It acts as a cleanser of the system, is a preventative of disease because of its gas absorbing power, and seems to have a beneficial effect on growth of poultry. Individual poultrymen are learning that it should be before the fowls at all times. Clean, well graded Hardwood Charcoal packed in 50 lb. paper lined bur-lap bags.

No. 6 (Poultry) ton lots, per ton	\$30.00
No. 10 (Chick) ton lots, per ton	30.00
No. 20 (Granular) ton lots, per ton	30.00
Less Quantities, per ton	32.00
No. 36 (Fine Granular) ton lots, per ton..	27.50
No. 80 (Powder) ton lots, per ton	27.50
Air floated powder, ton lots, per ton	27.50
Less quantities, per ton	29.50
Lump, per ton	30.00
Less quantities	32.50

Inquire for carload prices.

CLOSET CHEMICAL (P-F Brand)

A coal tar creosote preparation made especially for use in sanitary closets. Place one-half pint closet chemical in pail and add two gallons of water.

5 gallons cans, (2 per case), per gal.	\$.55
1 gallon cans, (6 per case), per gal. ....	.65
1 quart cans, (24 per case), per quart .....	.25

COD LIVER OIL U. S. P.

Norwegian refined cod liver oil which meets all U. S. P. requirements and is also guaranteed to contain over 500 units of Vitamin A and over 250 units of Vitamin D per gram, of a clear brilliant light yellow color and highest quality.

30 gal. drums, per gal.	\$.75
5 gal. cans (2 per case), per gal.	1.00
1 gal. cans (6 per case), per gal.	1.15
1 qt. cans (12 per case), per qt. ....	.50

Containers inclusive. Each drum containing faucet. Inquire for contract prices on quantity lots.

COPPER SULPHATE (Blue Vitriol)

Large or medium crystals.

450 lb. bbls., per cwt.	\$4.50
100 lb. lined bags, per cwt.	5.00
50 lb. lined bags, per cwt.	5.25
Redried and powdered.	
300 lb. bbls., per cwt.	5.00
100 lb. lined bags, per cwt.	5.50
50 lb. lined bags, per cwt.	5.75

COPPER SULPHATE (Monohydrated)

100 lb. drums, per lb.	\$.10
50 lb. drums, per lb. ....	.11
25 lb. drums, per lb. ....	.12

COPPERAS (Iron Sulphate)

Used in stock remedies and mineral mixtures.

Suger Gran. 400 lb. bbls., per cwt.\$1.50

Sugar Gran. 100 lb. bags, per cwt. 1.45

Powd. (redried) 300 lb. bbls., per cwt. 2.25

CORROSIVE SUBLIMATE (Mercuric Chloride)

For treatment of seed potatoes to control Scab, Black Scurf, Rhizoctonia.

1 lb. boxes, per lb.\$1.50

5 lb. boxes, per lb. 1.25

CRUDE CARBOLIC ACID

Largely used by poultrymen as disinfectant and lice and mite killer.

55 gal. drums, per gal.\$.25

5 gal. boxed cans, per gal.35

Drums extra at \$6.00 returnable.

CUBOR (Non-poisonous Insecticide)

Cubor is both a contact and stomach insecticide, non-poisonous to human, animal and bird life. It is highly concentrated; will not freeze; mixes readily with cold water; requires no soap or other spreader, and can be used with other insecticides. In Cubor we have a convenient, economical, and effective insect control. Descriptive circular upon request.

	Price	Gallons of Solution		
Packing Sizes	Each	1:800	1:400	1:200
1-oz. Bottles	\$0.25	6	3	1½
6-oz. Bottles	.65	36	18	9
1-pt. Cans	1.35	100	50	25
1-qt. Cans	2.60	200	100	50
1-gal. Cans	7.50	800	400	200
5-gal. Cans	34.00	4000	2000	1000

CYANOGAS (Calcium Cyanide)

Cyanogas is now well established with constantly increasing demand.

A-Dust

has proved a most satisfactory control for rats, mice, moles, woodchucks, prairie dogs and other rodents.

½ lb. tins, 48 lbs. per case, per tin\$.45

1 lb. tins, 48 lbs. per case, per lb.75

5 lb. tins, 100 lbs. per case, per lb.60

25 lb. tins, 100 lbs. per case, per lb.40

100 lb. drums, per lb.30

Discounts: Case lots 33-1/3%-Broken cases 30%

CYANOGAS DUSTERS

To apply Cyanogas A-Dust for Rat and other control for light or occasional use, we recommend the No. 1 Special Duster which is equipped with a flexible hose and rigid tube.

For the same control but for field work or more frequent use, we recommend the tin Foot Pump, a high pressure duster with hose attachment. For extensive field work a new Brass Foot Pump Duster, with aluminum working parts and non-corroding glass dust container, is available and is superior to any duster offered.

No. 1 Special, half dozen lots, each\$.70

Dozen lots, each60

Foot Pump Tin, each 2.75

Half dozen lots, each 2.60

Foot Pump Brass, each 4.00

Half dozen lots, each 3.75

DUSTER—MODEL "D" PLUNGER TYPE

This is a particularly effective type of Duster for dusting vegetables and flowers with special tubes for dusting beneath vines and leaves.

Model "D" Duster, complete, each\$1.50

CYANOGEN G-Fumigant

is recommended and used very extensively for greenhouse, elevator, mill, empty bin and enclosed space fumigation.

5 lb. tins, 100 lbs. per case, per lb.	\$.60
25 lb. tins, 100 lbs. per case, per lb. ....	.40
100 lb. drums, per lb. ....	.30
Discount on 5s and 25s, 33-1/3%—On 100s, 25%	

Cyanogas Flakes

are used with excellent success in the control of chinch bugs, fleas in yards and open sheds, and other insects.

Cases (4-25 lb. tins), per lb.	\$.30
Drums of 100 lbs., per lb.	\$.25
Discount 25%.	

DRY DIP (P-F Brand)

More properly called dry insecticide, is a dry powdered material combining as nearly as possible the active constituents of our Creosote Stock Dip. To be used when cold weather or other conditions will not permit dipping.

100 lb. lots, per lb.	\$.05
50 lb. lots, per lb. ....	.05 1/4
25 lb. lots, per lb. ....	.05 1/2

EPSOM SALTS U. S. P.

350 lb. bbls., per cwt.	\$3.20
100 lb. bags, per cwt.	3.00

Technical

125 lb. bags, per cwt.	\$2.50
1000 lb. lots, per cwt.	2.35

Ask for contract price.

EVER GREEN

A modern insect control for florists and for home garden use. It kills both chewing and sucking type of insects. Cannot burn or damage most tender foliage. Non-poisonous to human beings. Economical and easy to apply.

1-oz. (24 per case), per doz.....	\$ 2.70
6-oz. (12 per case), per doz.....	8.00
16-oz. (12 per case), per doz.....	16.00
32-oz. (6 per case), per doz.....	31.50
1-gal. (1 per case), per can.....	8.63
5-gal. (1 per case), per can.....	38.75

FISH OIL (Menhaden)

5 gal. cans, per gal.	\$.40
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FISH OIL SOAP (Potash Anhydrous)

An unusually fine grade of Potash Fish Oil Soap, 40% pure, for spray use and for making government formula oil emulsions. This Soap is made in accordance with requirements of Insecticide Act of 1910.

100 lb. drums, per lb.	\$.05
50 lb. drums, per lb. ....	.05 1/2
Smaller quantities, per lb. ....	.07

FLY SPRAY (P-F Brand)

A fly spray for use on domestic animals, especially cattle, to relieve the torment of biting flies and to prevent the infection of wounds and sores, is a necessity.

P-F Fly Spray is highly toxic to the flies and strongly repellant.

50 gal. drums, per gal.	\$.40
5 gal. cans (2 per case), per gal. ....	.50
1 gal. cans (6 per case), per gal. ....	.85

Containers inclusive.

FOENUGREEK SEED (Powdered)

Used in stock feeds and remedies.

100 lb. bags, per lb.	\$.10
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FORMALDEHYDE U. S. P.

450 lb. bbls., per pound	\$.10 $\frac{1}{4}$
125 lb. kegs, per pound	12
60 lb. kegs, per pound14

GENTIAN ROOT (Powdered)

Used as a bitter tonic in stock preparations.

100 lb. bags, per lb.	\$.15 $\frac{1}{4}$
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GINGER ROOT, AFRICAN (Powdered)

Used in stock feeds and remedies.

250 lb. bbls., per lb.	\$.22
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GLAUBER'S SALT (Sodium Sulphate)

Unusually dry, well graded product.

Fine Granular, ton lots, per cwt.	\$1.50
Less quantities, per cwt.	1.65
Special Dry Powder, ton lots, per cwt.	2.00
Less quantities, per cwt.	2.15

HANSEN'S INOCULATOR (For Legume Seeds)

Alfalfa, Sweet Clover, All small Seeds.

Quantity	1 bu.	2 $\frac{1}{2}$ bu.
1 doz. bottles Jelly, each	\$0.30	\$0.60
2 doz. bottles Jelly, each .....	.28	.56
3 doz. bottles Jelly, each .....	.26	.52

Soy Beans, Cowpeas, All large seeds.

Quantity	2 bu.	5 bu.
1 doz. bottles Jelly, each	\$0.30	\$0.60
2 doz. bottles Jelly, each .....	.28	.56
3 doz. bottles Jelly, each .....	.26	.52

Cases may be assorted. Cultures unsold when planting is over may be returned to Kansas City for credit charges prepaid.

GRIT (Limestone for Poultry)

Clean, sharp, pure limestone. Both Hen and Chick sizes.

100 lb. bags, per cwt.	\$.75
Ton lots, per cwt. ....	.65

HYDRATED LIME

Kemilime is a high calcium hydrated lime, especially prepared for chemical use by the Ash Grove Lime and Cement Co.

To be of greatest value hydrated lime must be fresh. We handle large quantities and always have fresh stock on hand. Packed in special heavy paper bags.

50 lb. bags, per bag	\$.45
50 lb. bags, ton lots, per ton	17.50

IKTON

Ikton is a dry powdered preparation containing organic sulphur in a water soluble form. Ikton is used in poultry feed with the following results: It increases the number of red blood corpuscles and increases the amount of haemoglobin in each corpuscle, which gives greater vitality and vigor, so that the bird performs better its natural functions, such as growth, weight gain, and egg production. It decreases the gram negative bacteria in the intestines of the fowl. These are the putrefactive organisms which destroy a part of the food eaten and at the same time produce poisons which are absorbed. The reduction in these bacteria means that a bird is less likely to contract coccidiosis, worms, etc., diseases which originate in the intestinal tract. This produces greater health and vitality. As its merits become better known the use of Ikton is increasing. Write for special bulletin.

1 lb. cans (6 per case), per lb.	\$2.30
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KOPPERS FLOTATION SULPHUR DUST

This dust can be used as a straight Sulphur Dust, or in connection with poison insecticides. It is non-balling and can be mixed with ordinary ground sulphur to improve the physical and fungicidal properties of the ground sulphur dust. Ask for circular with suggestions for use.

100-lb. Moisture-proof Bags, per lb.....\$0.08

LIME SULPHUR, DRY

200-lb. Drums, per lb.....\$0.08
200-lb. Drums (16—12½-lb. Bags), per lb .08½
100-lb. Drums, per lb..... .09
50-lb. Drums, per lb..... .10
25-lb. Drums, per lb..... .11
10-lb. Cans (6 per case), per lb..... .15
5-lb. Cans (6 per case), per lb..... .17
1-lb. Cans (24 per case), per lb..... .19

LYE (Flake Caustic Soda)

400 lb. drums, per cwt.\$4.20
100 lb. drums, per cwt. 5.20
50 lb. drums, per cwt. 5.55
Cases (12-10 lb. cans), per cwt. 8.00
Cases (12-12 oz. cans), per case 2.00

KALOIL (Non-Arsenical Insecticide)

Used primarily for sucking insects but will kill most insects on contact at proper dilution. Kal-oil creeps and crawls over the foliage because of the oil spreader. Simply mix with water according to strength desired and apply. Kal-oil is particularly adapted for spraying tender buds and foliage as no damage will result from proper application — will not stain or discolor foliage or bloom.

6-oz. Cans, each.....\$0.70
32-oz. Cans, each..... 2.70
1-gal. Cans, each..... 9.10

KAMALA TABLETS (P-F Brand)

There is one sure control of Tapeworm in poultry. This is Kamala, a drug from India, which gives real results without the addition of any other materials, and is recommended for this purpose by the Bureau of Animal Industry of the U. S. Department of Agriculture. Avoid patent preparations and use the straight Kamala in convenient tablet form. Kamala gives best results when used as individual treatment. The dosage is one gram for chickens of 1½ to 6 pounds weight, for larger chickens or turkeys, 2 grams.

P-F Kamala Tablets are in convenient form and are in accordance with the government recommendation, each tablet containing one gram of Kamala.

Cartons of 100 tablets\$1.30
Cartons of 300 tablets 3.25
Cartons of 500 tablets 5.00
Cartons of 1000 tablets 8.50

We can supply Kamala Powdered for making special preparations packed as follows:

1 lb. tins, per lb.\$1.60
½ lb. tins, per lb. 1.70
¼ lb. tins, per lb. 1.80

THE PEARSON-FERGUSON COMPANY
Kansas City, Missouri

IODIZED SALT

Used in mineral mixtures and stock feeds in localities where Iodine is deficient in the vegetable matter.

100 lb. bags, per cwt.\$1.50
Ton lots, per cwt. 1.40

IRON OXIDE (No. 61)

The highest quality of finely powdered bright red iron oxide for stock or poultry feeds or minerals. Contains 86.25% of iron oxide and is free from injurious impurities such as lead, arsenic, fluorine which often occur in ordinary iron oxides, particularly the cheap venetian reds. No. 61 red oxide of iron is preferred by discriminating users.

100 lb. bags, per cwt.\$1.50
Ton lots, per cwt. 1.35

INSECTICIDES

A complete list of insecticides will be found in our spray material price list to be issued about January 1. This list will cover such items as Paris Green, Arsenate of lead, Calcium Arsenate, Oxo Bordeaux, Lime and Sulphur Solution liquid and dry, in addition to items in demand during winter months which are in this list.

MOLASSES FOR STOCK FEEDING

Stock feeders who make a study of costs are steady users of straight Black Strap Cane Molasses, which they add to other feed materials on the farm, thereby getting the benefits of the Molasses without the excessive cost of prepared molasses feeds.

They supply their own corn, alfalfa, cotton cake or whatever they use, at a lower cost and they know just what they are feeding.

Modern methods of handling Molasses make it easy for the feeder in summer or winter.

Molasses is of a high food value, is very appetizing to stock and makes other food stuffs attractive, causes stock to drink more and generally improves condition.

Genuine Porto Rican Black Strap Cane Molasses in,

54 gal. steel drums, per drum\$ 7.50
Ton lots, per ton, 171 gals. 20.00
Drums inclusive and not returnable. Terms:
Net cash. Inquire for carload prices.

NAPHTHALENE FLAKE

Used for control of clothes moth, for control of poultry lice, and as a basis of dry dip.

Barrels (about 200 lbs. each), per lb.\$.06
50 lb. drums, per lb.07

NAPHTHALENE CRUDE

Inquire for price.

OYSTER SHELLS (Crushed)

The "Live Shell" Brand is produced from genuine fresh oyster shells which are deodorized and kiln dried and triple screened to eliminate every particle of dust. Poultry grades, 100 lb. bags.

Ton lots, per cwt.\$.75
Less quantities, per cwt.85

Inquire for car lot prices.

THE PEARSON-FERGUSON COMPANY
Kansas City, Missouri

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200-lb. Drums (16—12½-lb. Bags), per lb .08½

100-lb. Drums, per lb..... .09

50-lb. Drums, per lb..... .10

25-lb. Drums, per lb..... .11

10-lb. Cans (6 per case), per lb..... .15

5-lb. Cans (6 per case), per lb..... .17

1-lb. Cans (24 per case), per lb..... .19

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¼ lb. tins, per lb. 1.80

THE PEARSON-FERGUSON COMPANY
Kansas City, Missouri

IODIZED SALT

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100 lb. bags, per cwt.\$1.50
Ton lots, per cwt. 1.40

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NAPHTHALENE FLAKE

Used for control of clothes moth, for control of poultry lice, and as a basis of dry dip.

Barrels (about 200 lbs. each), per lb.\$.06
50 lb. drums, per lb.07

NAPHTHALENE CRUDE

Inquire for price.

OYSTER SHELLS (Crushed)

The "Live Shell" Brand is produced from genuine fresh oyster shells which are deodorized and kiln dried and triple screened to eliminate every particle of dust. Poultry grades, 100 lb. bags.

Ton lots, per cwt.\$.75
Less quantities, per cwt.85
Inquire for car lot prices.

THE PEARSON-FERGUSON COMPANY
Kansas City, Missouri

PARADICHLOROBENZENE

Is used in numerous ways. As a deodorant and moth preventative in the home by placing the crystals in closets or moth bags. In storage warehouses and museums for moth control. In the manufacture of household disinfectants and insecticides.

It is important to the peach industry that the growers realize the injury from peach tree borers, that they know that these borers can easily be controlled with Paradichlorobenzene, and that this work must be done in the fall of the year, September 1st to October 1st. in this region.

Bulletins giving detailed information as to use can be had from the Department of Agriculture, or we will be glad to supply you.

200 lb. drums, per pound	\$.17
100 lb. drums, per pound .....	.18
50 lb. drums, per pound .....	.19
25 lb. drums, per pound .....	.20
10 lb. cans, per pound .....	.23
5 lb. cans, per pound .....	.26
1 lb. cans, per pound .....	.32

PEAT MOSS FOR POULTRY

The poultry industry is rapidly realizing that the use of peat litter on the floors of brooder houses and in laying houses is real economy. Peat litter takes up moisture and keeps houses and floors dry, saving the lives of many chicks. Our poultry litter contains 18 bushels of Peat in oiled paper with closely woven matting, wooden staved and wired, weighing about 135 lbs.

Poultry Peat Litter, per bale\$2.00
Inquire for price on carload lots for direct shipment from New Orleans.

Junior Bales (12 bushels), per bale..... 1.10

PEAT MOSS (Horticultural Grade)

This grade of Peat Moss is packed in closely woven matting, wooden staved and wired, each bale containing 18 bushels of Peat Moss.

Horticultural Peat Moss, per bale\$2.00

POTASSIUM IODIDE U. S. P.

Supplies Iodine in readily available form for livestock, and is found in many of the better mineral mixtures and commercial feeds.

5 lb. bottles, per lb.	\$3.75
1 lb. bottles, per lb.	3.95

POTASSIUM PERMANGANATE U. S. P.

Used in drinking water for poultry and for other antiseptic purposes on the farm. Finds an increasing use during summer months in removing the green stringy moss (Algae) from ponds and cisterns. Directions for use on application.

110 lb. drums, per pound	\$.21
25 lb. drums, per pound .....	.25
1 lb. tins, per pound .....	.30
½ lb. tins, per pound .....	.35

For the convenience of the poultry trade we put up the pure Potassium Permanganate in 15 grain tablets. Use one tablet to a gallon of drinking water.

Cartons of 50 tablets, per carton	\$.18
Cartons of 100 tablets, per carton .....	.28
Cartons of 1000 tablets, per carton	1.75

PARADICHLOROBENZENE

Is used in numerous ways. As a deodorant and moth preventative in the home by placing the crystals in closets or moth bags. In storage warehouses and museums for moth control. In the manufacture of household disinfectants and insecticides.

It is important to the peach industry that the growers realize the injury from peach tree borers, that they know that these borers can easily be controlled with Paradichlorobenzene, and that this work must be done in the fall of the year, September 1st to October 1st. in this region.

Bulletins giving detailed information as to use can be had from the Department of Agriculture, or we will be glad to supply you.

200 lb. drums, per pound	\$.17
100 lb. drums, per pound .....	.18
50 lb. drums, per pound .....	.19
25 lb. drums, per pound20
10 lb. cans, per pound23
5 lb. cans, per pound26
1 lb. cans, per pound32

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Cartons of 100 tablets, per carton28

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PYRETHRUM EXTRACT (No. 20)

A highly concentrated pyrethrum extract standardized according to the Gnadinger method. Each gallon of No. 20 extract contains all the active principle from twenty pounds of pyrethrum flowers having a pyrethrum content of 0.75%. To make a household fly spray, dilute one gallon of extract No. 20 with 19 gallons of refined Kerosene oil and filter the solution to make a clear product. Add perfume to suit taste. 6-8 ounces of some odor such as methyl Salicylate. Extract No. 20 has the advantages of less cost for finished material than with use of lower concentrations, an absolutely standardized product which means unvarying effectiveness in killing insects and freedom from complaints.

53 gal. drums, per gal.	\$6.50
30 gal. drums, per gal.	6.55
10 gal. drums, per gal.	7.00
5 gal. drums, per gal.	7.15
1 gal. cans, per gal.	7.50

PYRETHRUM POWDER (P-F Brand)

A chemically standardized product guaranteed to contain 0.75% pyrethrins. Formerly there was no method of analyzing pyrethrum powder so that its exact killing strength could be known. Modern chemical methods enable us to offer a pyrethrum powder of guaranteed strength. A great improvement over the old powder of unknown value.

50 lb. drums, per lb.	\$.25
25 lb. drums, per lb. ....	.27
1 lb. cartons (24 per case), per lb.30

QUASSIA (Powdered)

About 75 lb. bags, per lb.	\$.07½
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QUICK LIME (Powdered)

25 lb. cans, per lb.	\$.08
10 lb. cans, per lb.10
5 lb. cans, per lb.12

RADIATOR GLYCERINE (Ivo Brand)

Is especially refined for use in automobile radiators as an anti-freeze. It is easily the best material for this purpose as it does not evaporate, one filling good for all winter, does not injure radiator or hose connection, constant temperature gives better service from engine.

Single 2 or 3½ gal. cans, per gal.	\$1.80
One gal. cans, per gal.	\$1.90

RED SQUILL

Powdered Red Squill has been found to be the most satisfactory rat poison. It is relatively harmless to human beings or domestic animals, but is a specific poison to rats. Rats take squill readily in various form of bait. Farmers Bulletin No. 1535 of the U. S. Department of Agriculture recommends one part of squill by weight to ten parts of cereal meal or hamburger steak mixed thoroughly.

It is important that only the genuine Red Squill be used, as other squills are not effective. P-F Red Squill has been tested for high toxicity.

100 lb. drums, per lb.	\$.20
50 lb. drums, per lb. ....	.22
10 lb. cartons, per lb. ....	.25
5 lb. cartons, per lb.27
1 lb. cartons, per lb.30

SALT (Clean, dry, grade)

100 lb. bags, per cwt.	\$.60
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SILICATE OF SODA (Water Glass)

Used as an egg preservative. One part Silicate of Soda to 10 parts of water.

5 gal. cans, per gal.	\$.55
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1 gal. cans, per gal.80
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SODIUM FLUORIDE (95-97% Pure)

Farmers Bulletin 801, issued by the United States Department of Agriculture, recommends Sodium Fluoride for control of poultry lice. It is also used to control cockroaches and ants.

We supply the finely powdered, commercially pure Sodium Fluoride in one pound sifter top cartons and in barrels.

1 lb. cartons (24 per case), per lb.	\$.15
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100 lb. drums, per lb.10½
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330 lb. barrels, per lb.09½
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SODIUM BICARBONATE (Baking Soda)

An anti-acid for stock.

100 lb. bags, per cwt.	\$2.50
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SODIUM CYANIDE (1 Oz. Balls)

100 lb. drums, per lb.	\$.21
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10 lb. tins, (100 in cases)24
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5 lb. tins, (broken cases)27
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SODIUM SALICYLATE U. S. P.

5 lb. boxes, per lb.	\$.60
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25 lb. boxes, per lb.55
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STERILAC

Sterilac is a real triumph on the part of the chemical manufacturers. It is the most powerful non-poisonous, odorless deodorizer and sterilizing agent made.

In the form of a dry white powder. Keeps its strength indefinitely. Can be made into a solution with water, making up just the quantity wanted. No waste, no inconvenience.

Sterilac contains the famous Dakin Chloramines in an alkaline base. It combines many advantages over hypochlorite solutions, chloride of lime, and other germicides when used to safeguard the production and handling of food supplies, milk products, disinfecting brooders, incubators and drinking water for chickens. As a household disinfectant and deodorant.

2 oz. bottles, each (12 per case)	\$.65
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8 oz. bottles, each	1.65
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16 oz. bottles, each	3.00
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5 lb. cans	13.50
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STOCK DIP (Black Leaf 40)

"Black Leaf 40" is the highest quality of 40 per cent solution of nicotine sulphate. Used as a stock dip to control Scab, lice and ticks.

50 lb. drums, each	\$41.25
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10 lb. tins, per tin	8.85
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5 lb. tins, per tin	5.00
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2 lb. tins, per tin	2.45
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STOCK DIP (Creosote Oil)

P-F Creosote Oil Stock Dip has a carbolic co-efficient of three, for use at a dilution of one to seventy-six parts of water, gives a uniform white emulsion, is always dependable.

50 gal. drums, per gal.	\$.40
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5 gal. cans, per gal.50
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1 gal. cans (4 to case), per gal.65
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STOCK DIP (Lime and Sulphur)

Officially permitted for control of scab on cattle and sheep. Clear, free from sludge, and showing a test of 33 degree Baume, and should be diluted at the rate of one gallon of dip to fifteen gallons of water for cattle, and one gallon to twenty gallons of water for sheep.

50 gal. barrels, per gal.	\$.15
30 gal. half barrels, per gal. ....	.18
5 gal. cans (inclusive), per gal. ....	.25

SULPHOCARBOLATE TABLETS (22 Grains Each)

Recommended by Experiment Stations for use as an intestinal antiseptic for poultry. Tends to check the growth of harmful germs, enabling the fowl to throw off disease.

Usual dosage is two tablets to 20 chickens, dissolved in drinking water or in one quart of warm wet mash.

Cartons of 100 tablets, per carton	\$.35
Cartons of 500 tablets, per carton	1.55
Cartons of 1000 tablets, per carton	2.80

SULPHUR FLOUR

Commercial Sulphur Flour is used in stock preparations and in mineral mixtures. Also used with lime in making Lime and Sulphur Solution.

100 pound bags, per cwt.	\$2.20
Ton lots, per cwt.	2.10

SULPHUR (SUPERFINE DUSTING)

Specially prepared for dusting purposes.

100 lb. bags, per cwt.	\$3.25
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SULPHUR (SUBLIMED FLOWERS OF)

100% pure, packed in 100-lb. bags, per cwt.	\$4.00
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SULPHURIC ACID (Comc'l 66°)

12 gal. Carboys, per gal.	\$.60
Carboys \$5.00 returnable.	
5 gal. Carboys, per gal.75
Carboys \$2.00 returnable.	

STRYCHNINE ALKALOID

Used as the poison in making poison grain for rodent control.

1 oz. bottles, per oz.	\$.85
5 oz. bottles, per oz. ....	.80

TOBACCO POWDER ("Gold Leaf")

For poultry round worm control. Contains 1½% nicotine strength, is of fine even texture and mixes readily with dry poultry mash.

These worms are great food thieves and prevent the fowl from securing proper nourishment to maintain health and egg vigor.

A general diet of "Gold Leaf" Tobacco Powder in the mash feed in a single season will destroy most of the worm hosts.

Special bulletin on the use of this article upon request.

Cases (12-2 lb. pkgs.)	\$1.70
Cases (6-10 lb. pkgs.)	2.70
100 lb. paper-lined bags	4.00
Mix 2 lbs. with 100 lbs. mash.	

THE PEARSON-FERGUSON COMPANY

Kansas City, Missouri

TOBACCO DUST (Nursery Grade)

A uniform standardized high grade Tobacco Dust, free from dirt and other foreign matter. Not to be confused with tobacco screenings, siftings and like refuse. Contains 1 per cent Nicotine in a uniform manner. Very effective for nursery use in dusting on plants to prevent insect attacks, and for other purposes where a high grade tobacco dust is required.

100 lb. paper lined burlap bags, per cwt.....\$2.40
Ton lots, per cwt. 2.25

TREE WOUND DRESSING

An ideal Wound Dressing which causes no injury to living tissues and at the same time protects from parasites and fungus growths. Actually promotes quick healing. Should be used in all pruning work.

1 gal. cans, per gal.\$1.50
1 qt. cans, per qt.50

VOLCK

Volck is an oil emulsion of a new type produced from a specially refined oil. It is safe to use on summer foliage, controls Red Spider, Mites and other insects and has real value in control of Codling Moth, killing both the larvae and the eggs. Volck has a definite place in greenhouse use.

½ pt. cans, per doz.\$ 2.52
1 pt. cans, per doz. 4.32
1 qt. cans, per doz. 7.20
1 gal. cans, half doz. 10.80
5 gal. cans, each 7.20
14 gal. drums, each 16.88
28 gal. drums, each 27.00

WAREHOUSE, MILL & ELEVATOR FUMIGATION

Cyanogas G. Fumigant gives off hydrocyanic acid gas slowly (about three hours) so that this material is a comparatively safe, non-inflammable fumigant for inclosed spaces. Kills all forms of insect and animal life.

State experiment stations recommend it and the use is rapidly growing. Write for detailed information.

5 lb. cans (20 per case), per lb.\$.60
25 lb. cans (4 per case), per lb.40
Dealers discount 33 1-3%
100 lb. drums, per lb.30
Dealers discount 25%

WOOD LIFE OIL

A refined liquid creosote oil for preserving fence posts, timber and wood work of all kinds. Prevents attacks of white ants, fungus growths, rot and decay for all woods. Applied in summer or winter by brush or dipping.

Wood Life Oil is more penetrating than ordinary wood preserving oils and contains a high percentage of the preserving bases which seal the pores of the wood preventing absorption of moisture and decay.

50 gal. drums, per gal.\$.30
5 gal. cans (2 per case), per gal.45
Containers inclusive.

FERTILIZER MATERIALS

CYANAMID

The ideal nitrogen fertilizer consists of 21½ % of available nitrogen, combined with 75% of lime. Quickly available lime tends to correct natural acidity of soil or acidity which may have been fostered by the continual use of Ammonium Sulphate. On the basis of actual available nitrogen, Cyanamid is less expensive than either Nitrate of Soda or Ammonium Sulphate.

100 lb. bags—Inquire for prices.

AMMONIUM SULPHATE (20½ % Nitrogen)

This material is preferred by orchard people because of the greater convenience in handling as it is in fine granular form. It is less expensive, per unit of fertilizing value, than Sodium Nitrate.

100 lb. bags (2000 lb. lots), per cwt.\$1.75

100 lb. bags. (Less quantities), per cwt..... 2.00

ASHES (Hardwood)

Containing Lime (CaO), Iron, Aluminum, Oxide, Phosphate.

For Field—Drill or disk into top soil 500 to 1000 lbs. per acre, depending upon acidity of soil.

For Garden—Harrow or rake in at rate of 50-lb. sack to each 40 ft. square.

50-lb. Bags, per bag.....\$.35

Ton Lots, per ton..... 12.00

MURIATE OF POTASH (Potash Chloride) 60% K₂O

Packed in 100 lb. burlap bags.

Ton lots, per cwt.\$2.75

1000 lb., per cwt. 2.85

100 lb. bags, per cwt. 3.00

NITRATE OF SODA, CHILEAN (Champion Brand)

A wonderful improvement in Chilean Nitrate of Soda has been made in the last two years. A new patented process of re-covering the Nitrate of Soda from the original rock produces a much improved material. The new form is in small round pellets like fine shot, white as pearls, 97% pure, available nitrogen not less than 16¼ %. It is bone dry, will not solidify in lumps, shipped in even weight 100 lb. moisture-proof bags.

Inquire for prices.

SUPER PHOSPHATE (16%) 125-lb. bags.

Ton lots, per ton\$22.00

Less quantities, per cwt. 1.25

SUPER PHOSPHATE (20%) 125-lb. bags.

Ton lots, per ton\$25.75

Less quantities, per cwt. 1.35

THE PEARSON-FERGUSON COMPANY

Kansas City, Missouri

SEED TREATMENTS

Improvement in quality and quantity of production is now being attained by seed treatments to control various plant diseases.

COPPER CARBONATE (Powdered) 50-54%.

Copper Carbonate is the accepted material for treating seed wheat to prevent bunt or stinking smut. State Experiment Stations endorse this material and thousands of large growers have used it with complete satisfaction. The cost of the treatment is so inexpensive that growers recognize the added insurance against smut loss. Mix the seed thoroughly, using 2 or 3 ounces of the powder to a bushel of seed. The seed can then be stored until sowing time. Care should be taken to keep the treated seed from becoming mixed with grain used or sold for milling or feeding purposes. Control of Kernel Smut on all the Sorghums is most easily and cheaply accomplished with the use of Copper Carbonate powder. The treatment is the same as that for seed wheat.

Cases of 10-5 lb. pkgs., per lb.\$.17½
F. O. B. Kansas City, freight allowed.

COPPER CARBONATE (Powdered) 20%

Where the infestation of smut is not severe the use of Copper Carbonate 20% has given very satisfactory control using 3 to 4 ounces to a bushel of seed.

Cases of 10-5 lb. pkgs., per lb.\$.10½
F. O. B. Kansas City, freight allowed.

WEED KILLERS (Chemical)

ATLACIDE (Calcium Chlorate)

Used as a weed killer for control of Field Bindweed (Wild Morning Glory) and other noxious forms of vegetation. It is claimed that Calcium Chlorate will replace Sodium Chlorate in the Bindweed campaigns because it naturally takes moisture from the air, which prevents any fire hazard, and at the same time tends to make the material more effective, especially in arid regions. Calcium Chlorate is in the form of fine white powder which is used in solutions as a liquid spray, or may be dusted on the plants to be killed, when it will take moisture from the air and become an active solution.

200 lb. drums, per lb.\$.09
100 lb. drums, per lb.09½
50 lb. drums, per lb.10
3½ lb. sifter top cans, case of 12 9.50
Broken cases, per can 1.00

SODIUM CHLORATE

The most largely used of chemical weed killers to control Field Bindweed, and other perennial and annual noxious weeds and grasses. Our sodium chlorate is finely powdered hence goes in solution more readily. Packed in 100 lb. steel drums.

Ton lots, per pound\$.07¼
1000 lb. lots, per pound07½
Less quantities, per pound07¼

SODIUM ARSENITE

Effective for killing all vegetation down to the ground. Does not penetrate the root system as the chlorates do but has large use on drive ways in parks, cemeteries and on railway tracks.

50 gal. drums, per gal.\$.40
5 gal. cans, per gal.50